

Claims

1. Adapter for aerosol cans, particularly for discharging mounting
foams, said adapter comprising a receiving device (2) for the valve of the
aerosol can, a conveying tube (3) for can content to be discharged which is
arranged at the receiving device (2), a connection (4) on the conveying tube (3)
to accommodate a trunk (16) used to enable the can content to be discharged in
a well-aimed manner, a handle (5) to actuate the receiving device (2) counter to
the valve of the can as well as holding means (6) for fixing the adapter to a
crimping lip of the dome (15) of the can,

c h a r a c t e r i z e d i n t h a t
the receiving device (2) interacts with and has a sealing effect on the valve disk
of the aerosol can and that the receiving device (2) is flexibly integrated into the
adapter (1).

2. Adapter according to claim 1, characterized in that the holding
means (6) are designed as a snap-fit closure.

3. Adapter according to claim 2, characterized in that the holding
means (6) are provided with at least two holding elements.

4. Adapter according to claim 2, characterized in that the holding
means (6) are designed as holding ring.

5. Adapter according to any one of the above claims, characterized
in that the receiving device (2) has the shape of a hollow cylinder.

6. Adapter according to claim 5, characterized in that the receiving device (2) interacts with an upright portion of the valve disk projecting into the hollow cylinder.

5 7. Adapter according to claim 6, characterized in that the receiving device (2) interacts with a sealing element embracing the valve disk concentrically.

8. Adapter according to claim 7, characterized in that the sealing element is a concentrically arranged lip located in the upright portion of the valve disk.

10 9. Adapter according to claim 7, characterized in that the sealing element is a sealing sleeve embracing the upright portion of the valve disk.

15 10. Adapter according to any one of the above claims, characterized in that the receiving device (2) is flexibly connected with the conveying tube (3) such that when pressing the handle (5) the shoulder of the conveying tube (3) is vertically displaced relative to the receiving device (2).

11. Adapter according to claim 10, characterized in that the receiving device (2) is connected to the conveying tube (3) by means of a membrane (7).

20 12. Adapter according to any one of the above claims 1 to 9, characterized in that the receiving device (2) is slidably supported against the valve disk.

13. Adapter according to claim 12, characterized in that the receiving device (2) is flexibly connected with the holding means (6).

25 14. Adapter according to claim 13, characterized in that the connection to the holding means (6) is achieved by means of flexible webs (8).

15. Adapter according to claim 13, characterized in that the connection to the holding means (6) is brought about by at least one fastening element (9) connecting to the handle (5).

5 16. Adapter according to any one of the above claims, characterized in that a spring element (11) is arranged between handle (5) and holding means (6).

17. Adapter according to any one of the above claims, characterized in that a safety plate (12) is arranged between handle (5) and holding means (6).

10 18. Adapter according to any of the above claims, characterized in that said adapter is provided with an integrated sealing plug (13) to accommodate a trunk (16).

19. Adapter according to claim 18, characterized in that the sealing plug (13) is provided on handle (5).

15 20. Adapter according to claim 18, characterized in that the sealing plug (13) is provided on the holding means (6).

21. Adapter according to any one of the above claims, characterized by a securing element (10) attaching the adapter to an aerosol can.

- Abstract -